

Converting Colors

YUV(176.9930, 24.1605,
-2.6249)

Have a look what the booklet for
YUV(176.9930, 24.1605, -2.6249)
contains.

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Color

**YUV(176.9930, 24.1605,
-2.6249)**

Conversions

Conversions Part 1

Format	Color
Hex	AEA9E2
RGB	174, 169, 226
RGB Percent	68%, 66%, 89%
CMY	0.3176, 0.3373, 0.1137
CMYK	0.23, 0.25, 0.00, 0.11
HSL	245°, 50%, 77%
HSV	245°, 25%, 89%
XYZ	45.3710, 42.8656, 77.8341
YIQ	176.9930, -15.3170, 18.7870

Conversions

Conversions Part 2

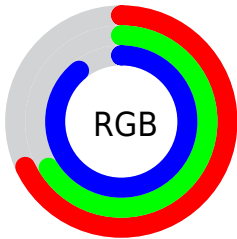
Format	Color
RYB	174, 169, 226
Decimal	11446754
CIELab	71.46, 13.77, -28.03
CIELCh	71, 31.226, 296.161
Yxy	42.8656, 0.2732, 0.2581
Android (android.graphics.Color)	4289636834 (0xFFAEA9E2)
YUV	176.9930, 24.1605, -2.6249
Hunter-Lab	65.4718, 9.1221, -24.6548

Details

The YUV color **176.9930, 24.1605, -2.6249** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **218.0070, -24.1605, 2.6249**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3280, 12.6563, 0.5893**, and **124.2380, 22.5607, -2.8397** is the 20% darker color. If you saturate the color by 10%, you get **157.2130, 33.9120, -3.6948**, and if you desaturate by 10%, it is **196.7730, 14.4089, -1.5549**.

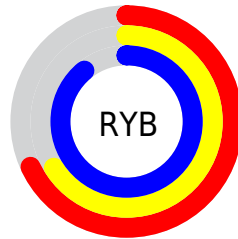
Distribution



Red (68%)

Green (66%)

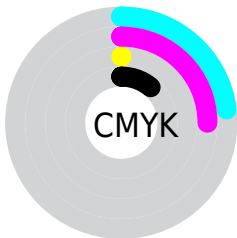
Blue (89%)



Red (68%)

Yellow (66%)

Blue (89%)

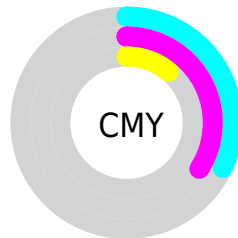


Cyan (23%)

Magenta (25%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (34%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.9930, 24.1605, -2.6249 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 176.9930, 24.1605, -2.6249 by changing the saturation by 10% instead.

■ 176.9930, 24.1605,
-2.6249

■ 176.9930, 24.1605,
-2.6249

■ 255.0000, 0.0000,
0.0000

■ 150.4660, 23.4343,
-3.0397

■ 229.3280, 12.6563,
0.5893

■ 124.2380, 22.5607,
-2.8397

■ 253.8260, 0.5788,
1.0296

■ 98.8250, 22.2713,
-3.3545

■ 74.8850, 21.2557,
-4.2841

■ 51.9450, 20.2401,
-5.2138

■ 29.4070, 19.5193,
-7.3729

■ 5.3580, 20.5295,

-4.6990

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 176.9930, 24.1605,
-2.6249

■ 176.9930, 24.1605,
-2.6249

■ 157.2130, 33.9120,
-3.6948

■ 196.7730, 14.4089,
-1.5549

■ 138.3190, 43.2267,
-4.6648

■ 215.6670, 5.0942,
-0.5850

■ 118.5390, 52.9783,
-5.7347

■ 235.4470, -4.6574,
0.4850

■ 99.6450, 62.2930,
-6.7047

■ 251.6940,
-12.6671, 2.8994

■ 79.8650, 72.0446,
-7.7746

■ 60.0850, 81.7961,
-8.8445

■ 41.1910, 91.1108,
-9.8145

■ 31.7440, 95.7682,
-10.2995

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



170.8750, 29.6416, -34.0934



176.9930, 24.1605, -2.6249



179.1230, 13.7434, 25.3251

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



176.9930, 24.1605, -2.6249



175.8790, -23.1113, 39.5711



162.0060, 3.9410, -50.8713

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



176.9930, 24.1605, -2.6249



218.0070, -24.1605, 2.6249

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



166.6210, -12.1382, -26.8546



176.9930, 24.1605, -2.6249



173.6180, -27.4197, 21.3830

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.9930, 24.1605, -2.6249



177.5670, -13.0975, 47.7377



170.8000, -23.5654, -1.5786



159.0330, 19.7037, -66.6809

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



176.9930, 24.1605, -2.6249



179.2080, 4.8275, 38.4056



170.8000, -23.5654, -1.5786



163.8560, -1.9010, -43.7237

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



176.9930, 24.1605, -2.6249



237.5790, 8.5886, -1.3848



206.0220, 9.8492, -32.4683



116.7810, 5.5310, -0.6849



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.9930, 24.1605, -2.6249



189.4580, 32.3122, -3.9097



185.3650, 20.0331, 14.5889



102.5530, 4.6574, -0.4850



24.5490, 74.6653, -8.3745



6.6680, 20.3767, -2.3398

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



191.9710, 14.3113, 29.8434



209.5900, 18.9361, 39.8246



209.6350, -20.0331, -14.5889



105.4290, 2.7465, 5.7628



70.9780, 44.3808, 92.1043



19.3680, 12.1436, 25.1103

Previews

White Background



This preview shows how the YUV color 176.9930, 24.1605, -2.6249 looks on a white background.

Color Contrast Check

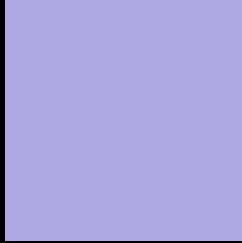
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 176.9930, 24.1605, -2.6249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

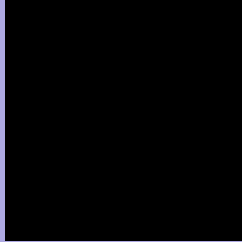
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 176.9930, 24.1605, -2.6249

Background



This preview shows how black text looks on a background with the YUV color 176.9930, 24.1605, -2.6249.



This preview shows how white text looks on a background with the YUV color 176.9930, 24.1605, -2.6249.

-2.6249.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

176.9930, 24.1605, -2.6249

Protanopia

175.4970, 26.3770, -13.5909

Deuteranopia

175.9490, 24.1821, -9.6023



Tritanopia

174.9050, 7.4418, -6.9327

Trichromacy



Original Color

176.9930, 24.1605, -2.6249

Protanomaly

176.2910, 25.4925, -9.9022

Deuteranomaly

176.2590, 24.0293, -7.2431

Tritanomaly

175.5230, 13.5462, -4.8437

Monochromacy



Original Color

176.9930, 24.1605, -2.6249

Achromatopsia

177.0000, 0.0000, 0.0000

Achromatomaly

176.9920, 8.8779, -0.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.9930, 24.1605, -2.6249 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(174, 169, 226)` looks like.

```
.text, #text, p{  
    color:rgb(174, 169, 226)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(174, 169, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 169, 226) }
```

Border

The CSS property to change the border of an element to YUV 176.9930, 24.1605, -2.6249 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(174, 169, 226) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(174, 169, 226) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(174, 169, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 169, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 169, 226);  
box-shadow:4px 4px 4px 4px rgb(174, 169,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 176.9930, 24.1605, -2.6249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 169, 226) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(174,  
169, 226) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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